

Amendments to the Claims

This listing of claims replaces all prior versions, and listing of claims:

What is claimed is:

1. (Original) A pad for therapeutic correction of thoracic spine positioning in a patient, said pad having a length, a width and a thickness,

said length of said pad being substantially the length of an upper thoracic spine of said patient;

said width of said pad being substantially the width of vertebrae of the upper thoracic spine of said patient; and

said thickness of said pad being sufficient to induce a mild hyper-extension of the upper thoracic spine of the patient when the pad is positioned between the upper thoracic spine of the patient and a substantially hard surface, and the upper thoracic spine of the patient is pressed against said pad;

2. (Original) The pad according to claim 1 wherein an upper surface of the pad which lies adjacent the upper thoracic spine in use, has a side-view profile shaped to accommodate a contour of the patient's spine as it evolves from a top end of the upper

Appl. No. 10/733,347

thoracic spine toward a bottom end of the upper thoracic spine.

3. (Cancelled)

4. (Currently Amended) The pad according to claim 23 wherein the ~~top end and the bottom end of the pad are of substantially equal thickness, and the upper surface of the pad has a symmetrical U-shaped side-view profile that tapers downwardly from a point near the top end to a point from the top end where the tapering stops, at about 10 degrees, and downwardly from a point near the bottom end to a point from the bottom end where the tapering stops, at about 10 degrees, and between the point from the top end where the tapering stops and a point from the bottom end where the tapering stops is a horizontal depression.~~ tapering from the first point to the second point, and the tapering from the third point to the fourth point are each at about 10 degrees.

5. (Cancelled)

6. (Original) The pad according to claim 1 wherein the pad has an internal cavity for receiving a device adapted to impart at least one of heat, cold, vibration and a magnetic field to the pad.

7. (Cancelled)

8. (Original) The pad according to claim 1 wherein the pad is formed of one of closed cell polyethylene foam, polystyrene and medical grade glycerin gel.

9. (Original) The pad according to claim 1 further comprising a heating means for heating the pad.

10. (Original) The pad according to claim 1 further comprising a cooling means for cooling the pad.

11. (Original) The pad according to claim 1 further comprising a means for providing a vibratory motion to the pad.

12. (Original) The pad according to claim 1 further comprising a magnetic insert for imparting a magnetic field to the pad.

13. (Original) The pad according to claim 1 wherein the pad is affixed to a board.

Appl. No. 10/733,347

14. (Original) The pad according to claim 1 further comprising attachment means for attaching the pad to the substantially hard surface.

15. (Original) The pad according to claim 14 wherein the attachment means are straps attached to the pad.

16. (Original) The pad according to claim 14 wherein the attachment means is an adhesive on a lower surface of the pad which lies adjacent the substantially hard surface.

17. (Original) The pad according to claim 14 wherein the attachment means is a mechanical fastener on the lower surface of the pad which lies adjacent the substantially hard surface.

18. (Original) The pad according to claim 17 wherein the mechanical fastener is Velcro®.

19-22. (Cancelled)

23. (New) The pad according to claim 2 wherein a top end and a bottom end of the pad are of substantially equal thickness, and

Appl. No. 10/733,347

the upper surface of the pad has a symmetrical U-shaped side-view profile that tapers downwardly from a first point near the top end to a second point some distance from the top end where the tapering stops and which tapers downwardly from a third point near the bottom end to a fourth point some distance from the bottom end where the tapering stops, and between the second and fourth points is a horizontal depression.